

METHOD AND APPARATUS FOR DATA TRANSMISSION WITHIN A  
COMMUNICATION SYSTEM

Abstract of the Disclosure

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When the user is actively transmitting/receiving or has recently transmitted/received on the RF channel, the user is referred to as being in an "active" state. Typically, if the user is in the active state, and neither sends nor receives data for a timer period greater than a threshold, then the user is transitioned off of the RF channel (e.g. transitioned from active to dormant). Once a transition to the dormant state has occurred, the continued transmission or re-transmission of data over an RF channel can result in a delay in re-accessing the RF channel. In order to address this problem, the idle-timer threshold is dynamically adjusted based on a communication system statistic to increase system performance.